D)

E)

F)

۵)

Step 4: Hybridization of Cy3-labeled PCR products from each individual to duplicate SNP1-(G) allele wells and duplicate SNP1-(T) allele wells

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Step 1: Synthesis of anti-sense SNP1 allele-specific oligonucleotides

Step 5. Synthesis of SNP2 allele-specific oligonucleotides, Cy5-labeled

Step & Phase II Hybridization
Hybridization of Cy5-labeled allele-specific oligonucleotides to Phase I hybridization plates

Step 7 Fluorescent Scanning and Haplotype Scoring

Figure 1

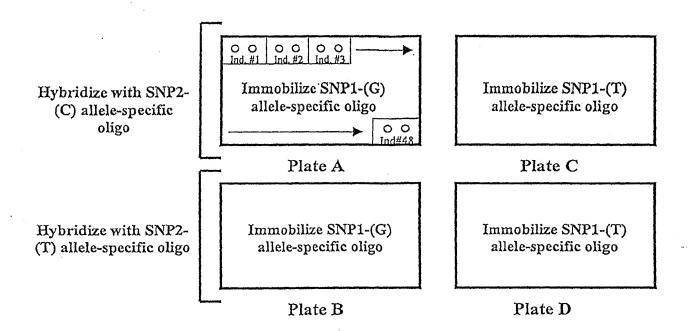


Figure 2

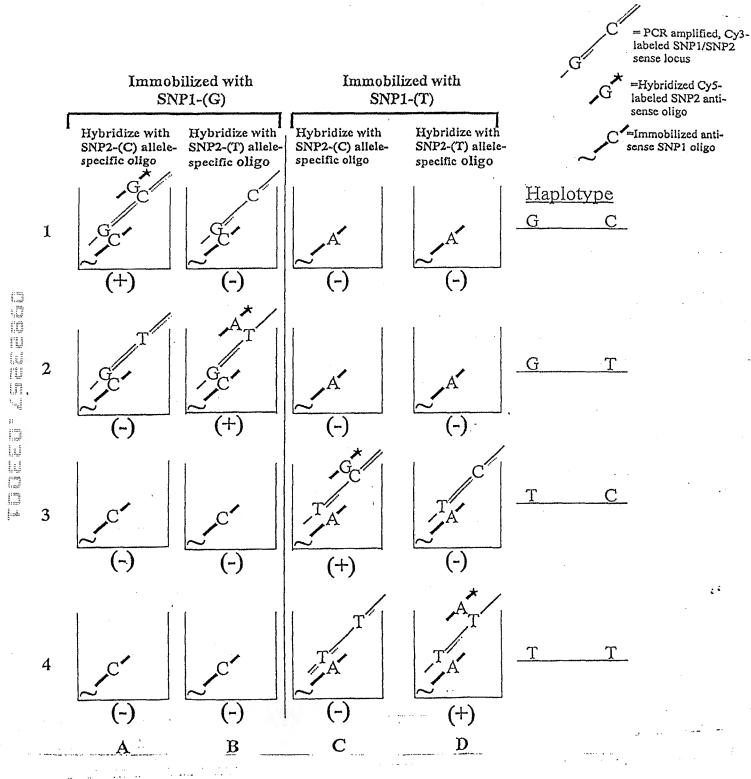
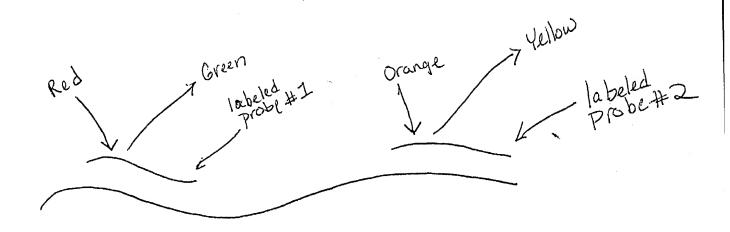


Figure 3



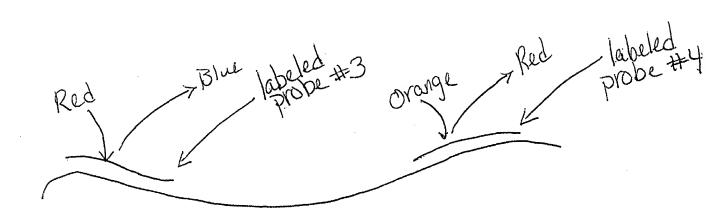


Figure 4

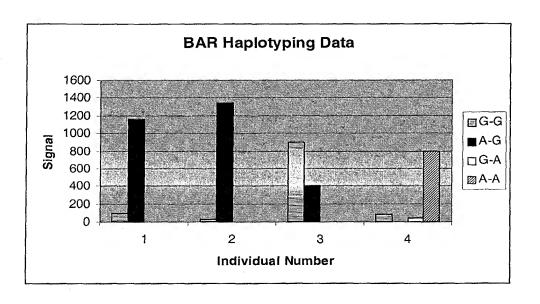
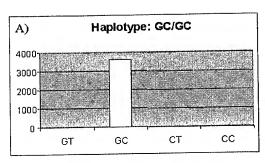
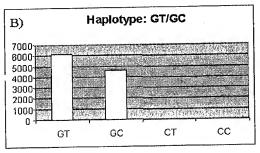


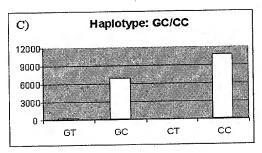
Figure 5



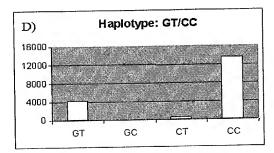
Individual #1: GC/GC



Individual #2: GT/GC



Individual #3: GC/CC



Individual #4: GT/CC

Figure 6